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McDonald, M. M., Keller, D. L., Heiple, C. R., and Hofmann, W. E. – Wettability of Brazing Filler Metals on Molybdenum and TZM, 389-s (Oct).
McGrath, J. T., Gianetto, J. A., Orr, R. F., and Smith, N. J. – Microstructure/Mechanical Property Relationships of Submerged Arc Welds in HSLA 80 Steel, 112-s (Mar).
McKamey, C. G., David, S. A., Horton, J. A., Zacharia, T., and Reed, R. W. – Welding of Iron Aluminides, 372-s (Sept).
Mejias, H. D. – Inexpensive Computer-Controlled Fracture Toughness Testing, 223-s (June).
Menon, R., and Lundin, C. D. – HAZ Transformation and Toughness in A710 Grade A Class 3 Precipitation-Strengthened Steel, 467-s (Dec).
Metzbower, E. A., and Denney, P. E. – Laser Beam Welding of Titanium, 342-s (Aug).
Mittal, M. C., and Ghose, B. R. – An Analysis of Fracture Toughness in the HAZ of GTA Welded Maraging Steel, 457-s (Nov).
Morgenstern, V. – Inexpensive Computer-Controlled Fracture Toughness Testing, 223-s (June).
Morris, J. W. Jr., and Sunwoo, A. J. – Microstructure and Properties of Aluminum Alloy 2090 Weldments, 262-s (July).
Morris, J. W. Jr., Tribula, D., Grivas, D., and Frear, D. R. – Microstructural Observations of Thermomechanically Deformed Solder Joints, 404-s (Oct).
Mascorella, T. J., Baeslack, W. A. III, and Kelly, T. J. – Weldability of a Titanium Aluminide, 483-s (Dec).
Murthy, S. P., and Roper, C. R. Jr. – GMA Weldability Characteristics of Lanthanide-Containing High-Strength Steels, Part 1: Arc and Metal Transfer, 59-s (Feb).

Nagarajan, K. V., Pant, B., Sarkar, B. K., Vasudevan, R., Thomas, G., and Ramachandra, V. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).
Nagarajan, S., Chen, W. H., and Chin, B. A. – Infrared Sensing for Adaptive Arc Welding, 462-s (Nov).
Nippes, E. F., Balaguer, J. P., and Walsh, D. W. – Hot Ductility Response of Al-Mg and Al-Mg-Li Alloys, 253-s (July).
Nippes, E. F., Balaguer, J. P., and Wang, Z. – Stress-Relief Cracking of a Copper-Containing HSLA Steel, 121-s (Apr).

Ogawa, T., and Koseki, T. – Effect of Composition Profiles on Metallurgy and Corrosion Behavior of Duplex Stainless Steel Weld Metals, 181-s (May).
Oldland, P. T., Ramsay, C. W., Matlock, D. K., and Olson, D. L. – Significant Features of High-Strength Steel Weld Metal Microstructures, 158-s (Apr).
Olson, D. L., and Dallam, C. B. – Stress and Grain Size Effects on Weld Metal Ferrite Formation, 198-s (May).
Olson, D. L., Dvornak, M. J., and Frost, R. H. – The Weldability and Grain Refinement of Al-2.2Li-2.7Cu, 327-s (Aug).
Olson, D. L., Edwards, G. R., Frost, R. H., and Yunjia, H. – Grain Refinement of Aluminum Weld Metal, 280-s (July).
Olson, D. L., Oldland, P. T., Ramsay, C. W., and Matlock, D. K. – Significant Features of High-Strength Steel Weld Metal Microstructures, 158-s (Apr).
Onsøien, M. I., Akselsen, O. M., Rørvik, G., and Grøng, O. – Assessment and Predictions of HAZ Tensile Properties of High-Strength Steels, 356-s (Sept).
Orozco, J., Han, Z., Indacochea, J. E., and Chen, C. H. – Resistance Spot Welding: A Heat Transfer Study, 363-s (Sept).
Orr, R. F., Smith, N. J., McGrath, J. T., and Gianetto, J. A. – Microstructure/Mechanical Property Relationships of Submerged Arc Welds in HSLA 80 Steel, 112-s (Mar).

Pant, B., Sarkar, B. K., Vasudevan, R., Thomas, G., Ramachandra, V., Nagarajan, K. V. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).
Parekh, M., and Datta, I. – Filler Metal Flux Basicity Determi-

nation Using the Optical Basicity Index, 68-s (Feb).
Patchett, B. M. – Inexpensive Computer-Controlled Fracture Toughness Testing, 223-s (June).

Ramachandra, V., Nagarajan, K. V., Pant, B., Sarkar, B. K., Vasudevan, R., and Thomas, G. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).
Ramsay, C. W., Matlock, D. K., Olson, D. L., and Oldland, P. T. – Significant Features of High-Strength Steel Weld Metal Microstructures, 158-s (Apr).
Rath, B. B., Damkroger, B. K., and Edwards, G. R. – Investigation of Subsolidus Weld Cracking in Alpha-Beta Titanium Alloys, 290-s (July).
Reed, R. W., David, S. A., Horton, J. A., McKamey, C. G., and Zacharia, T. – Welding of Iron Aluminides, 372-s (Sept).
Roper, C. R., Jr., and Murthy, S. P. – GMA Weldability Characteristics of Lanthanide-Containing High-Strength Steels, Part 1: Arc and Metal Transfer, 59-s (Feb).
Rørvik, G., Onsøien, M. I., Grong, O., and Akselsen, O. M. – Assessment and Predictions of HAZ Tensile Properties of High-Strength Steels, 356-s (Sept).
Russo, A. J. – An Electrostatic Probe for Laser Beam Welding Diagnostics, 230-s (June).

Santella, M. L., Maguire, M. C., and David, S. A. – Analysis of Heat-Affected Zone Cracking in Ni_3 Al Alloy Welds by Computer Modeling of Thermal Stresses, 19-s (Jan).
Sarkar, B. K., Vasudevan, R., Thomas, G., Ramachandra, V., Nagarajan, K. V., and Pant, B. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).
Schittny, Th., Halmoy, E., and Lugscheider, E. – Metallurgical Aspects of Additive-Aided Wide-Clearance Brazing with Nickel-Based Filler Metals, 9-s (Jan).
Shah, S., Indacochea, J. E., and Blander, M. – Submerged Arc Welding: Evidence for Electrochemical Effects on the Weld Pool, 77-s (Mar).
Siewert, T. A., and Liu, S. – Metal Transfer in Gas Metal Arc Welding: Droplet Rate, 52-s (Feb).
Simon, W. H., Kelly, T. J., and Cremisio, W. H. – An Evaluation of the Effects of Filler Metal Composition on Cast Alloy 718 Simulated Repair Welds, 14-s (Jan).
Smith, N. J., McGrath, J. T., Gianetto, J. A., and Orr, R. F. – Microstructure/Mechanical Property Relationships of Submerged Arc Welds in HSLA 80 Steel, 112-s (Mar).
Steffens, H. -D., Wielage, B., and Brandl, W. – Corrosion Testing of Silver-Brazed Stainless Steel Joints in Tap Water, 151-s (Apr).
Stol, I. – Development of an Advanced Gas Metal Arc Welding Process, 313-s (Aug).
Su, C. T., and Liu, S. – Grain Refinement in Electroslag Weldments by Metal Powder Addition, 132-s (Apr).
Sunwoo, A. J., and Morris, J. W. Jr. – Microstructure and Properties of Aluminum Alloy 2090 Weldments, 262-s (July).

Takemoto, T., Asano, M., Kawakatsu, I., Liu, K., and Kawase, H. – Study of a Method for Evaluating the Brazeability of Aluminum Sheet, 396-s (Oct).
Tallerico, L. N., Fuerschbach, P. W., and Giedt, W. H. – GTA Welding Efficiency: Calorimetric and Temperature Field Measurements, 28-s (Jan).
Thomas, G., Ramachandra, V., Nagarajan, K. V., Pant, B., Sarkar, B. K., and Vasudevan, R. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).
Tribula, D., Grivas, D., Frear, D. R., and Morris, J. W. Jr. – Microstructural Observations of Thermomechanically Deformed Solder Joints, 404-s (Oct).

Vasudevan, R., Thomas, G., Ramachandra, V., Nagarajan, K. V., Pant, B., and Sarkar, B. K. – Electron Beam Welding Studies of 25-mm-Thick Ti-6Al-4V Sections, 336-s (Aug).

Walsh, D. W., Nippes, E. F., and Balaguer, J. P. – Hot Ductility Response of Al-Mg and Al-Mg-Li Alloys, 253-s (July).
Wang, Z., Nippes, E. F., and Balaguer, J. P. – Stress-Relief Cracking of a Copper-Containing HSLA Steel, 121-s (Apr).
Wielage, B., Brandl, W., and Steffens, H. -D. – Corrosion Testing of Silver-Brazed Stainless Steel Joints in Tap Water, 151-s (Apr).
Williamson, R., and Cueman, M. K. – Process Model for Percussion Welding, 349-s (Sept).
Wiseman, L. G. – No Nickel Carbonyl Detected when Welding Stainless Steel or Nickel Alloys, 192-s (May).

Yamamoto, A., Kokawa, H., and Kuwana, T. – Crystallographic Characteristics of Delta Ferrite Transformations in 304L Weld Metal at Elevated Temperatures, 92-s (Mar).
Ye, J., Luo, Y., Chen, J. H., Fan, D., and He, Z. Q. – A Study of the Mechanism for Globular Metal Transfer from Covered Electrodes, 145-s (Apr).
Yunjia, H., Frost, R. H., Olson, D. L., and Edwards, G. R. – 280-s (July).

Vitek, J. M., DebRoy, T., Zacharia, T., and David, S. A. – Weld Pool Development during GTA and Laser Beam Welding of Type 304 Stainless Steel, Part 1 – Theoretical Analysis, 499-s (Dec).
Vitek, J. M., DebRoy, T., Zacharia, T., and David, S. A. – Weld Pool Development during GTA and Laser Beam Welding of Type 304 Stainless Steel – Part 2 – Experimental Correlation, 510-s (Dec).

Zacharia, T., David, S. A., Horton, J. A., McKamey, C. G., and Reed, R. W. – Welding of Iron Aluminides, 372-s (Sept).
Zacharia, T., David, S. A., Vitek, J. M., and DebRoy, T. – Weld Pool Development during GTA and Laser Beam Welding of Type 304 Stainless Steel – Part 1 – Theoretical Analysis, 499-s (Dec).
Zacharia, T., David, S. A., Vitek, J. M., and DebRoy, T. – Weld Pool Development during GTA and Laser Beam Welding of Type 304 Stainless Steel – Part 2 – Experimental Correlation, 510-s (Dec).